

# HYPERSC™ HYSR READERS

## HYSR-iR301-C32 DATASHEET

### OVERVIEW

- Apple MFi certified tablet smart card reader for iPad and iPad mini
- Serves as a sturdy case for your iPad while providing smart card reader functionality
- Supports multiple contact smart cards and T=0/T=1 cards which conform to ISO/IEC 7816
- Supports firmware upgrade through a USB cable
- Supports battery charging for iPhone through the micro USB port



**Dimensions (mm):** 218 x 140 x 15.5

**Weight (g):** 170

### OPERATING INFO

#### Communication Rate

- **iOS:** 9600 - 57,600 bps
- **USB:** 10,753 - 344,086 bps

#### Working Voltage

- 3V

#### Working Current

- < 60 mA

#### Clock Frequency

- 4 MHz (max 8 MHz)

#### Storage Temperatures

- -20 - 85°C

#### Operating Temperatures

- 0 - 70°C

#### Hardware Interface

- 8-pin lightning dock
- micro USB

#### Supported Cards

- T=0/T=1
- CLASSA/CLASSC/CLASSBC

## SPECIFICATIONS

### PHYSICAL PARAMETERS

#### Connectivity

- iAPI and iAP2 protocol for iOS
- CCID standard for PC/Android

### CRYPTOGRAPHIC ALGORITHMS

#### Symmetric Key

- 3DES 128/256-bit
- AES 128/256/384-bit

### STANDARDS

- ISO/IEC 7816
- PCSC
- CCID

### CERTIFICATIONS

- MFi
- EMV Level 1
- FCC/CE
- RoHS